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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/541,869	04/05/2006	Claus-Dieter Barrois	WI.1602 PCT-US	7939
7590 Douglas R. Hanscom Jones, Tullar & Cooper P O Box 2266 Eads Station Arlington, VA 22202			EXAMINER CULLER, JILL E	
			ART UNIT 2854	PAPER NUMBER
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/541,869

**Applicant(s)**

BARROIS ET AL

**Examiner**

Jill E. Culler

**Art Unit**

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 26-49 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 26, 29, 31, 34-41 and 46-49 is/are rejected.
- 7) ☒ Claim(s) 27, 28, 30, 32, 33 and 42-45 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 July 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 20050711
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 26-49 objected to because of the following informalities: The phrasing of claim 26 is awkward and indicates that the claim may not be complete as written. Because it was unclear what applicant might wish to claim, the claim has been examined as written. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 26, 29, 31, 34-29, 41 and 46-47 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. PGPUB 2002/0185025 to Dufour et al.

With respect to claim 26, Dufour et al. teaches printing press comprising: at least one forme cylinder, 1; at least one inking unit, 4, selectively positionable in a first inking unit position adjacent said forme cylinder and a second inking unit position remote from said forme cylinder; at least one printing forme changing device, 9, selectively positionable in a first printing plate changing device position remote from said forme cylinder and a second printing plate changing device position adjacent said forme cylinder; and means coupling said at least one inking unit and said at least one printing forme changing device wherein a movement of one of said inking unit and said printing

forme changing device between its respective first and second positions. See page 2, paragraphs 26-33 and Figs. 1-4.

With respect to claim 29, Dufour et al. teaches a stationary printing press element, 5, supporting said at least one forme cylinder, and a movable printing press element, 6, supporting said at least one inking unit. See page 2, paragraph 28 and Fig. 1.

With respect to claims 31 and 34, Dufour et al. teaches a first drive mechanism for said movable printing press element and a second drive mechanism for said printing forme changing device and further including a common control device for said first and second drive mechanism, said common control device controlling said first and second drive mechanisms for controlling movement of said printing forme changing device as a function of movement of said movable printing press element whereby said printing forme changing device and said movable printing press element movements are matched to each other. See page 2, paragraph 28 and Fig. 1.

With respect to claims 35-36, Dufour et al. teaches that when said printing forme changing device is in said first printing forme changing device position, said inking unit is in said first inking unit position and when said printing forme changing device is in said second printing forme changing device position, said inking unit is in said second inking unit position. See page 2, paragraphs 31-32 and Figs. 2-4.

With respect to claims 37-39, Dufour et al. teaches a plurality of said forme cylinders in said stationary printing press element and a corresponding plurality of said inking units in said movable printing press element, wherein said plurality of said inking

units are supported in said movable printing press element for movement with respect to said plurality of associated forme cylinders concurrently and said plurality of inking units in said movable printing press element are seated in a common frame. See page 2, paragraphs 26-28 and Fig. 1.

With respect to claim 41, Dufour et al. teaches a driven side of said printing press, said at least one printing forme changing device being located at said driven side of said printing press. See Fig. 1.

With respect to claims 46-47, Dufour et al. teaches that said movable printing press element moves in one of a radial and an axial direction with respect to said stationary printing press element and said movable printing press element movement is linear. See page 2, paragraph 28 and Figs. 1-4.

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 40 is rejected under 35 U.S.C. 103(a) as being unpatentable over Dufour et al. in view of U.S. patent No. 5,142,979 to Funada et al

Dufour et al. teaches all that is claimed in the above rejection of claims 26, 29, 31, 34-29, 41 and 46-47, except for a transfer cylinder and a plurality of said forme cylinders arranged around said transfer cylinder in satellite construction.

Funada et al. teaches a printing press having a transfer cylinder, 18 and a plurality of forme cylinders, 20, arranged around said transfer cylinder in satellite construction. See column 1, lines 41-48 and Fig. 1.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify the apparatus of Dufour et al. to have a satellite cylinder arrangement, as taught by Funada et al., in order to print with several different inks at the same time.

6. Claims 48-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dufour et al. in view of U.S. PG PUB 2002/0005133 to Detmers et al.

Dufour et al. teaches all that is claimed in the above rejection of claims 26, 29, 31, 34-29, 41 and 46-47, except that said at least one printing forme changing device moves in an axial direction of said forme cylinder and includes at least one guide element, said at least one printing forme changing device being fastened on said at least one guide element.

Detmers et al. teaches a printing press having a printing forme changing device, 24, which moves in an axial direction of said forme cylinder and includes at least one guide element, said at least one printing forme changing device being fastened on said at least one guide element. See page 4, paragraphs 48-50 and Fig. 1.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify the apparatus of Dufour et al. to have printing forme changing

device details, as taught by Detmers et al, in order to efficiently change the printing formes.

### ***Allowable Subject Matter***

7. Claims 27-28, 30, 32-33 and 42-45 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The following is a statement of reasons for the indication of allowable subject matter:

With respect to claim 27, the prior art does not teach or render obvious a printing press as claimed, particularly wherein the inking unit and printing forme changing device are fixedly connected with each other.

With respect to claim 28, the prior art does not teach or render obvious a printing press as claimed, particularly wherein the inking unit and the printing forme changing device are driven by a common drive mechanism.

With respect to claims 30, 32, and 42, the prior art does not teach or render obvious a printing press as claimed, particularly wherein the printing forme changing device is attached to the movable printing press element.

### ***Conclusion***

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patent No. 2,012,245 to Meisel, U.S. Patent No. 4,222,325 to Edwards, U.S. Patent No. 6,487,968 to Onuma et al. and U.S. Patent No. 6,634,292 to

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Fujiwara et al. each teach an apparatus having apparent similarities to the claimed subject matter.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jill E. Culler whose telephone number is (571) 272-2159. The examiner can normally be reached on M-F 10:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

jec

/Jill E. Culler/

Primary Examiner, Art Unit 2854